



JC857 U. S. PTO

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))



01/04/02

Attorney Docket No. 042390.P13122
(maximum 12 characters)First Named Inventor Stephen W. Montgomery, et al.Title: A COMPUTER SYSTEM HAVING A CHASSIS-LEVEL CAPILLARY PUMP LOOP
TRANSFERRING HEAT TO A FRAME-LEVEL THERMAL INTERFACE COMPONENTExpress Mail Label No. EL 617180679 USADDRESS TO: **Assistant Commissioner for Patents**
Box Patent Application
Washington, D.C. 20231**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. **Fee Transmittal Form (e.g., PTO/SB/17)**
(Submit an original, and a duplicate for fee processing)
2. **Applicant Claims Small Entity Status (37 CFR 1.27)**
3. **Specification (Total Pages 29)**
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. **Drawing(s) (35 USC 113) (Total Sheets 10)**
5. **Oath or Declaration (Total Pages 5)**
 - a. Newly Executed (Original or Copy)
 - b. Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 18 completed)
 - i. **DELETIONS OF INVENTOR(S)** Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
 - c. Unsigned
6. **Application Data Sheet (37 CFR 1.76)**
7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
 b. Power of Attorney
11. English Translation Document (if applicable)
12. a. Information Disclosure Statement (IDS)/PTO-1449
 b. Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) (should be specifically itemized)
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: Certificate of Express Mail with copy of postcard showing contents.

18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP)
Of Prior Application No.: 09/957,792 Examiner [Unknown] Group Art Unit [Unknown]
(which is a continuation/ divisional/ CIP of prior application no. _____,
which is a continuation/ divisional/ CIP of prior application no. _____) (List entire chain of priority)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.
For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18B. Statement under 37 CFR 3.73(b) for continuing application:

The undersigned states that Intel Corporation (name of assignee) is the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment recorded in the Patent and Trademark Office at Reel. No. _____ Frame No. _____ (or a copy of which is attached).

19. Correspondence Address

Customer Number or Bar Code Label _____
or _____ (Insert Customer No. or Attach Bar Code Label here)
 Correspondence Address Below

NAME Stephen M. De Clerk
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard
Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-8383

Name (PRINT/TYPE) Stephen M. De Clerk Registration No.: 46,503

Signature: Stephen M. De Clerk Date: January 4, 2002

EXPRESS MAIL CERTIFICATE OF MAILING

"Express Mail" mailing label number: EL 617180679 US

Date of Deposit: January 4, 2002

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, U.S. Patent and Trademark Office, Washington, D.C., 20231.

Linda K. Brost

(Typed or printed name of person mailing paper or fee)

Linda K. Brost

(Signature of person mailing paper or fee)

January 4, 2002

(Date signed)

EL617180679US

Serial/Patent No.: Not Yet Assigned Filing/Issue Date: Herewith
Client: Intel Corporation
Title: A COMPUTER SYSTEM HAVING A CHASSIS-LEVEL CAPILLARY PUMP
LOOP TRANSFERRING HEAT TO A FRAME-LEVEL THERMAL INTERFACE COMPONENT
BSTZ File No.: 042390.P13122 Atty/Secty Initials: EHT / SMD / 1kb
Date Mailed: January 4, 2002 Docket Due Date: ***

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

Amendment/Response (pgs.) Express Mail No.: EL617180679US Check No. 47494
 Appeal Brief (pgs.) (in triplicate) _____ Month(s) Extension of Time Amt: \$776.00
 Application - Utility (pgs., with cover and abstract) Information Disclosure Statement & PTO-1449 (pgs.) Check No. _____
 Application - Rule 1.53(b) Continuation (pgs.) Issue Fee Transmittal Amt. _____
 Application - Rule 1.53(b) Divisional (pgs.) Notice of Appeal
 Application - Rule 1.53(b) CIP (29 pgs.) Petition for Extension of Time
 Application - Rule 1.53(d) CPA Transmittal (pgs.) Petition for _____
 Application - Design (pgs.) Postcard
 Application - PCT (pgs.) Power of Attorney (pgs.)
 Application - Provisional (pgs.) Preliminary Amendment (pgs.)
 Assignment and Cover Sheet Reply Brief (pgs.)
 Certificate of Mailing Response to Notice of Missing Parts
 Declaration & POA (5 pgs.) (unsigned) Small Entity Declaration for Indep. Inventor/Small Business
 Disclosure Docs & Oig & Copy of hve to is Signed Letter (pgs.) Transmittal Letter, in duplicate {2 pgs.}
 Drawings: 10 # of sheets includes 16 figures Fee Transmittal, in duplicate {2 pgs.}

Other: Certificate of Express Mailing with oopy of postcard
showing contents of Express Mail packet.

FEE TRANSMITTAL FOR FY 2002

TOTAL AMOUNT OF PAYMENT (\$) \$776.00

Complete if Known:

Application No. Not Yet Assigned
Filing Date Herewith
First Named Inventor Stephen W. Montgomery
Group Art Unit Not Yet Assigned
Examiner Name Not Yet Assigned
Attorney Docket No. 042390.P13122

METHOD OF PAYMENT (check one)

1. [X] The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 02-2666
Deposit Account Name _____

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27.

2. X Payment Enclosed!

Check
 Money Order
 Other

1 BASIC FILING

1 BASIC FILING FEE

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fee Paid</u>
Fee	Fee	Fee	Fee		
Code	(\$)	Code	(\$)		
101	740	201	370	Utility application filing fee	\$740.00
106	330	206	165	Design application filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional application filing fee	

2. EXTRA CLAIM FEES

2. <u>EXTRA CLAIM FEES</u>	<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fee Paid</u>
Total Claims <u>22</u>	- 20** = <u>2</u>	X \$ <u>18.00</u>	= \$ <u>36.00</u>
Independent Claims <u>3</u>	- 3** = <u>0</u>	X <u>84.00</u>	= <u>0.00</u>
Multiple Dependent			=

****Or number previously paid, if greater: For Reissues, see below.**

<u>Large Entity</u>	<u>Small Entity</u>			
Fee Code	Fee (\$)	Fee Code	Fee (\$)	<u>Fee Description</u>
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 36.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee	Fee		
Code	(\$)	Code	(\$)
105	130	205	65
127	50	227	25
139	130	139	130
147	2,520	147	2,520
099	8,800	099	8,800
112	920*	112	920*
113	1,840*	113	1,840*
115	110	215	55
116	400	216	200
117	920	217	460
118	1,440	218	720
128	1,960	228	980
119	320	219	160
120	320	220	160
121	280	221	140
138	1,510	138	1,510
140	110	240	55
141	1,280	241	640
142	1,280	242	640
143	460	243	230
144	620	244	310
122	130	122	130
123	50	123	50
126	180	126	180
581	40	581	40
		Recording each patent assignment per property (times number of properties)	
146	740	246	370
		For filing a submission after final rejection (see 37 CFR 1.129(a))	
148	110	248	55
149	740	249	370
		Statutory Disclaimer	
		For each additional invention to be examined (see 37 CFR 1.129(b))	
169	900	169	900
		Request for expedited examination of a design application	
179	740	279	370
194	130	194	130
195	300	195	300
196	300	196	300
098	130	098	130
091	1,280	091	1,280
		Request for Continued Examination (RCE)	
		Request for voluntary publication or republication	
		Publication fee for early, voluntary, or normal pub.	
		Publication fee for republication	
		Processing fee under 37 C.F.R. 1.17(i) (except provisionals)	
		Acceptance of unintentionally delayed claim for priority	

Other fee (specify) _____

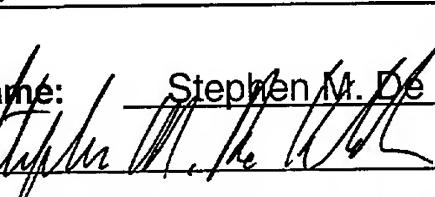
Other fee (specify) _____

SUBTOTAL (3) \$ 0.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: Stephen M. De Clerk

Signature:  Date: January 4, 2002

Reg. Number: 46,503 Telephone Number: (408) 720-8300